

CLAIM AMENDMENTS

1 (previously canceled).

2 (previously canceled).

3 (previously canceled).

4 (previously canceled).

5 (previously canceled).

6 (previously canceled).

7 (previously canceled).

8 (previously canceled).

9 (previously canceled).

10 (previously canceled).

11 (previously canceled).

12 (previously canceled).

13 (previously canceled).

14 (previously canceled).

15 (previously canceled).

16 (previously canceled).

17 (presently amended): A method for manufacturing a double-walled heat exchange tube with a leak detection channel, ~~each of the tubes having an inner surface and an outer surface;~~

the method comprising the steps of[;]:

providing inner and outer tubes, with the outer tube having an inner surface and the inner tube having an outer surface, the inner tube being manufactured of a softer material than the material of the outer tube;

providing a surface profiling on at least one of the inner surface of the outer tube and the outer surface of the inner tube;

selectively providing at least one of the inner surface and said outer surface with a layer of soldering material;

expanding said inner tube such that the outer surface of the inner tube is in intimate contact with the inner surface of the outer tube and the surface profiling forms at least one leak detection channel between the two tubes;

~~providing the outer surface of the inner tube and the inner surface of the outer tube with a layer of soldering material;~~

expanding the inner tube such that the outer tube is expanded as well;

causing the layer of soldering material between the inner tube and the outer tube to be melted;

wherein the expansion of the outer tube is effected such that the molten solder is forced out between the inner tube and the outer tube into the leak detection channel.

18 (canceled).

19 (previously added).

20 (previously added).

21 (previously added).

22 (previously added).

23 (previously added).

24 (previously added).

25 (previously added).

26 (presently amended). A heat exchange tube for use in a heat exchanger employing a liquid and comprising:

an assembly of an outer tube and an inner tube disposed internally to said outer tube and retained in an abutting position under a bias pressure, to form an inner face between said inner tube and said outer tube;

a leak detection channel extending adjacent said inner face; ~~and~~

a through opening extending through said outer tube at a position adjacent an end of said assembly of said inner tube and outer tube, said through opening being in communication with the leak detection channel; and

a film-thin layer formed of a soldering material ~~disposing~~ disposed in contact with both the inner tube and the outer tube and wherein the inner tube and the outer tube are retained in abutting contact under a the bias pressure.

27 (canceled).

28 (previously added).

29 (previously added).

30 (previously added).

31 (previously added)

32 (previously added).